



2000608C1.ST25
SEQUENCE LISTING

<110> Akzo Nobel Patent Department

<120> EIAV VACCINE AND DIAGNOSTIC

<130> I 2000.608 US C1

<140> US 10/627,568

<141> 2003-07-24

<150> US 09/658,547

<151> 2000-09-09

<160> 15

<170> PatentIn version 3.2

<210> 1

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<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

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tttacactag tatactccca tatatatcaa acct

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cctcattgca ctaagcaagg atcaggc

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<210> 8

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<210> 11
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<212> PRT
<213> Equine infectious anemia virus

<220>
<221> MISC_FEATURE
<223> putative nucleoporin motif

<400> 11

Gly Leu Phe Gly
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<210> 12
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<212> PRT
<213> Equine infectious anemia virus

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<223> putative nuclear localization sequence

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Arg Arg Lys Gln Glu Thr Lys Lys
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<210> 13

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<212> PRT
<213> Equine infectious anemia virus

<220>
<221> MISC_FEATURE
<223> s2 amino acid sequence from Figure 2a

<400> 13

Met Gly Leu Phe Gly Lys Gly Val Thr Trp Ser Ala Ser His Ser Met
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Gly Gly Ser Gln Gly Glu Ser Gln Pro Leu Leu Pro Asn Ser Gln Lys
20 25 30

Asn Leu Ser Val Arg Arg Thr Gln Cys Phe Asn Leu Ile Val Ile Ile
35 40 45

Met Thr Val Arg Thr Ala Trp Gln Asn Arg Arg Lys Gln Glu Thr Lys
50 55 60

Lys
65

<210> 14
<211> 195
<212> DNA
<213> Equine infectious anemia virus

<220>
<221> misc_feature
<223> wild type S2 nucleotide sequence from Figure 2b

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atgggattat ttggtaaagg ggtaacatgg tcagcatcgc attctatggg gggatcccag 60
ggggaatctc aaccctatt acccaacagt cagaaaaatc taagtgtgag gagaacacaa 120
tgtttcaacc ttattgttat aataatgaca gtaagaacag catggcagaa tcgaaggaag 180
caagagacca agaaa 195

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<223> Delta S2 nucleotide sequence from Figure 2b

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<221> misc_feature

<222> (140)..(140)

<223> n is a,c,g, or t

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cagggggaat ctcaaccctt attacccaac agtcagaaaa atctaagtgt gaggagaaca 120

caatgtttca accttattgn tataataatg acagtaagaa cagcatggca gaatcgaagg 180

aagcaagaga ccaagaaa 198